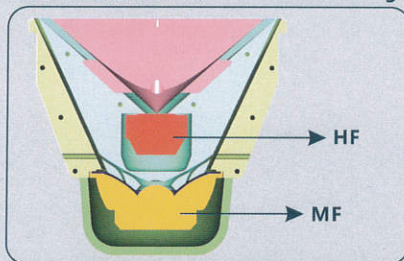


CTX Series

CTX-10

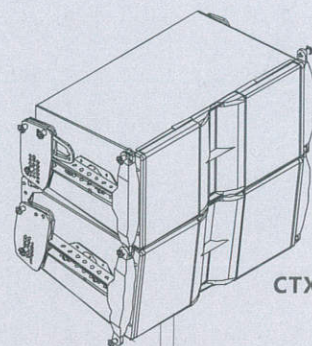
3-Way line array loudspeaker
MF/HF Mounted coaxially
三分频线性阵列音响
中高音采用同轴安装设计

中高音号角效果图 MF/HF Horn Renderings

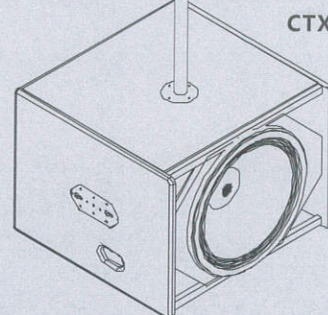


内置有一种专利技术，在申请中的dendritic中高频波导及在同一轴线设计的号角。

Built with a patent technology, high frequency waveguide in the application of dendritic in design and in the same axis



CTX-10



CTX-18B

The CTX series is a high performance, high power, high directivity, light weight, multifunction and very compact body design, Real Sound is the latest innovation in the light of the line array technology, which combines the high in the coaxial installation and coaxial waveguide horn design. By superimposing HF/MF and LF acoustic centers in a coaxial design, a virtual point source brings significantly improved radiation characteristics. This is particularly valuable in distributed sound reinforcement applications where most listeners are located off the system axis. As the sound field of coaxial enclosures is stable over the entire frequency spectrum and in all directions, all listeners benefit from an even sonic performance within the enclosure beamwidth. To achieve the high sound pressure output while suppressing good feedback, and has a strong presence, excellent clarity and balance.

CTX series enclosure not only provides flown ground-stacked placement but also has vertical and horizontal flying systems, which suit for any venues. Accurate rig system enables each box apt to be located and angle-adjusted and gets optimal smooth and uniform consistency of coverage. CTX series enclosures are equipped with integrated rigging including adjustable rear rigging for a variety of live sound applications. The rear rigging device allows the speaker array to be adjusted from 0° to 10° when the line array is flown or stacked. Neodymium drive units are used as LF in CTX, in order to make it convenient to transport, handle and rig. As with all Real Sound speaker products, CTX series is constructed with the finest Baltic birch plywood and finished with a rugged exterior. Black epoxy mastic finish to withstand the most demanding conditions. The speaker grille is constructed of high-grade 14 gauge perforated steel and finished with a commercial grade powder coat finish which is highly water-resistant.

CTX系列是高性能、高功率、高指向性、重量轻、多用途并且非常紧凑箱体设计，是Real Sound在轻便的线阵技术中的最新创新，它结合了中高音采用同轴安装及同轴波导号角设计方案。通过叠加中高频和低频声的中心同轴设计，虚拟点声源带来显著改善辐射特性。这是同轴设计在分布式扩声应用中使大多数听众都能感知到声源的独特设计。由于同轴听感使声场更加稳定，在整个频谱内所有的听众能受益于更宽的角度，同时可以提供均匀的声音表现。实现了高声压输出的同时很好的抑制反馈，并具有很强的临场感、极佳的清晰度以及平衡感。通过叠加中高频和低频声的中心同轴设计，虚拟点声源带来显著改善辐射特性。这是同轴设计在分布式扩声应用中使大多数听众都能感知到声源的独特设计。由于同轴听感使声场更加稳定，在整个频谱内所有的听众能受益于更宽的角度，同时可以提供均匀的声音表现。实现了高声压输出的同时很好的抑制反馈，并具有很强的临场感、极佳的清晰度以及平衡感。

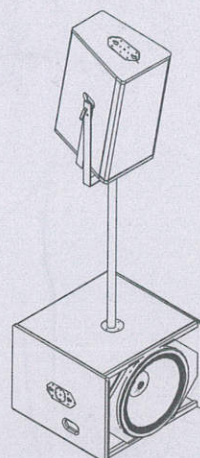
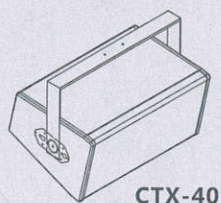
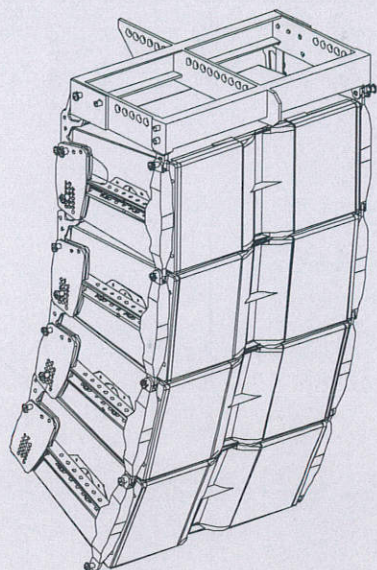
CTX系列可以落地放置显得更加美观，也可以提供箱体垂直和水平两种吊装方式，箱体上附设计垂直和水平两种吊装系统，设计完善的吊装方式除了能适用于多种场合的吊装或落地放置，精确的吊装方式能更好的进行定位及角度调整，同时能得到最佳平滑而又一致性均匀水平点覆盖。其配备完整的吊装，包括为各种现场演绎做的可调整的背部吊装。背部吊装允许线性箱体在吊起或落地的时候做0度至10度的调整。低音采用大功率钕铁硼驱动单元，箱体设计紧凑，方便于运输，安装和吊挂。RealSound(瑞耳噪)所有箱体一样，CTX系列箱体由波罗的海桦木多层胶板做成，外观为坚固的黑色环氧树脂完成，以经受最苛刻的条件。音箱钢网由高档14号穿孔钢和防水性极高的成品商业级粉末涂层完成。

Features & Benefits

- A linear array or a virtual point source
- High power, low distortion
- Small volume, convenient transportation
- Neodymium magnet loudspeaker driver
- Multipurpose installation design
- Hoisting way perfect
- Installation more convenient
- Liquidity is very good
- QuickFly rigging offers flexibility of both horizontal and vertical arrays, with option to fly or ground stack
- Consistent and predictable array performance ensures accurate system design

功能与优点

- 线阵或虚拟点声源
- 高功率、超低失真度
- 体积小、运输方便
- 钕铁硼喇叭驱动单元
- 多用途安装设计
- 完善的吊装方式
- 安装更快捷
- 非常好的流动性
- QuickFly吊挂系统满足垂直和水平阵列所需的灵活性，可吊挂或地面叠放
- 稳定且可预见的阵列性能，保证精确的系统设计



Applications

- Theatres and theatrical sound reinforcement
- Houses of worship
- Portable and installed AV systems
- Center and sidefill in large-scale systems
- Concert Halls
- Distributed systems in stadiums and theme parks
- Nightclubs

应用

- 剧场扩声
- 大型集会会场
- 流动和固定AV系统
- 大型系统的中区和侧区补声
- 演艺中心及多功能厅
- 主题公园、体育馆的分布式系统
- 酒吧及俱乐部
- 固定安装



CTX Series

CTX-10

CTX-40

CTX-18B

Configuration	3-Way line source loudspeaker	3-Way line source loudspeaker	Direct Radiating Subwoofer
Components LF	2x10inch(63mm voice coil)	2x10inch(63mm voice coil)	18inch(100mm voice coil)
MF/HF Coaxial	6.5inch(38mm voice coil)	6.5inch(38mm voice coil)	----
mounted	2inch(44mm voice coil)	2inch(44mm voice coil)	----
Power rating LF	500w AES/1800w Peak	500w AES/1800w Peak	600w AES/2400w Peak
MF/HF Coaxial	200w AES/800w Peak	200w AES/800w Peak	----
	60w AES/240w Peak	60w AES/240w Peak	----
Frequency response(±3dB)	65Hz-20KHz	65Hz-20KHz	35Hz-250Hz
Sensitivity 1m/1w LF	98dB/132dB	98dB/132dB	99dB/133dB
MF/HF Coaxial	104dB/134dB	104dB/134dB	----
	110dB/136dB	110dB/136dB	----
Nominal impedance	8Ω	8Ω	8Ω
Cabinet/channel QD-5+	2	3 or 2	4
Dispersion(HxV)	90°x10°	60°x45°	----
Crossover points	70Hz, 600Hz, 5kHz	70Hz, 600Hz, 5kHz	----
	Bi-amp 70Hz, 600Hz	Bi-amp 70Hz, 600Hz	----
Connectors	2xNeutrik NL8 Speakon	2xNeutrik NL4 Speakon	2xNeutrik NL4 Speakon
Enclosure	15mm 9-ply birch plywood	15mm 9-ply birch plywood	18mm 11-ply birch plywood
Dimensions mm(HxWxD)	325x658x440	325x658x440	488x658x640
Dimensions inch(HxWxD)	12.81x25.93x17.34	12.81x25.93x17.34	19.23x25.93x24.12
Weight kg	23	23	35
Option Special Colour	yes	yes	yes
Option Weather Resistant	yes	yes	yes
Optional Fixed or Mobile	yes	yes	yes
Installation Accessories			

